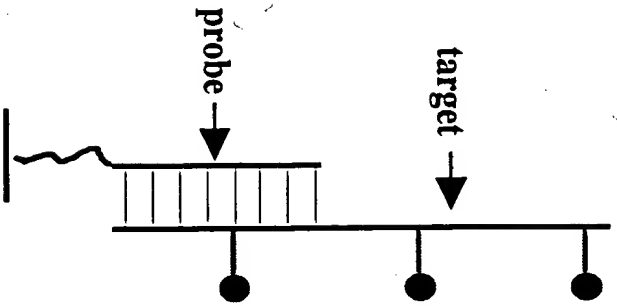
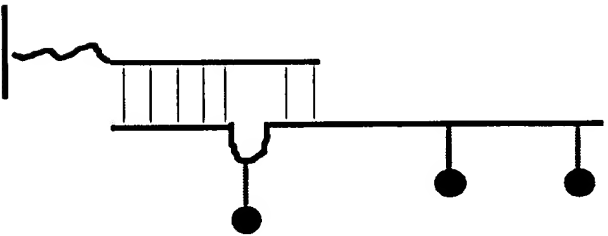


# Discrimination Using RNase A

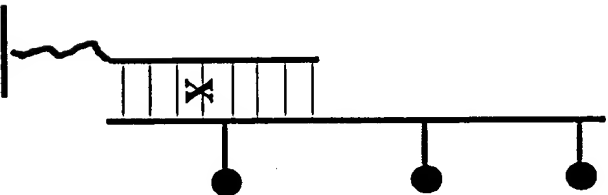
perfect match



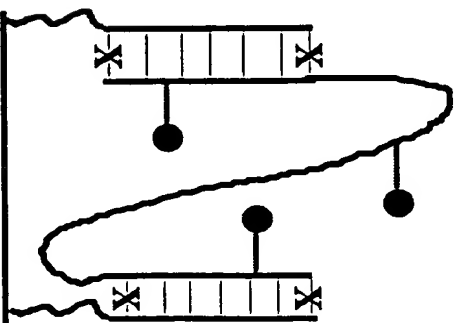
target bulge



base mismatch



multiple probes



**RNase A**  
**wash**

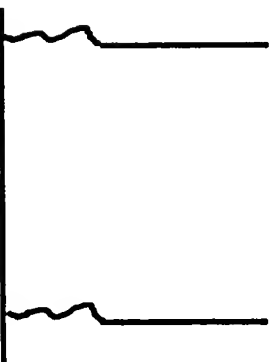


Figure 1

# Discrimination With Ligation

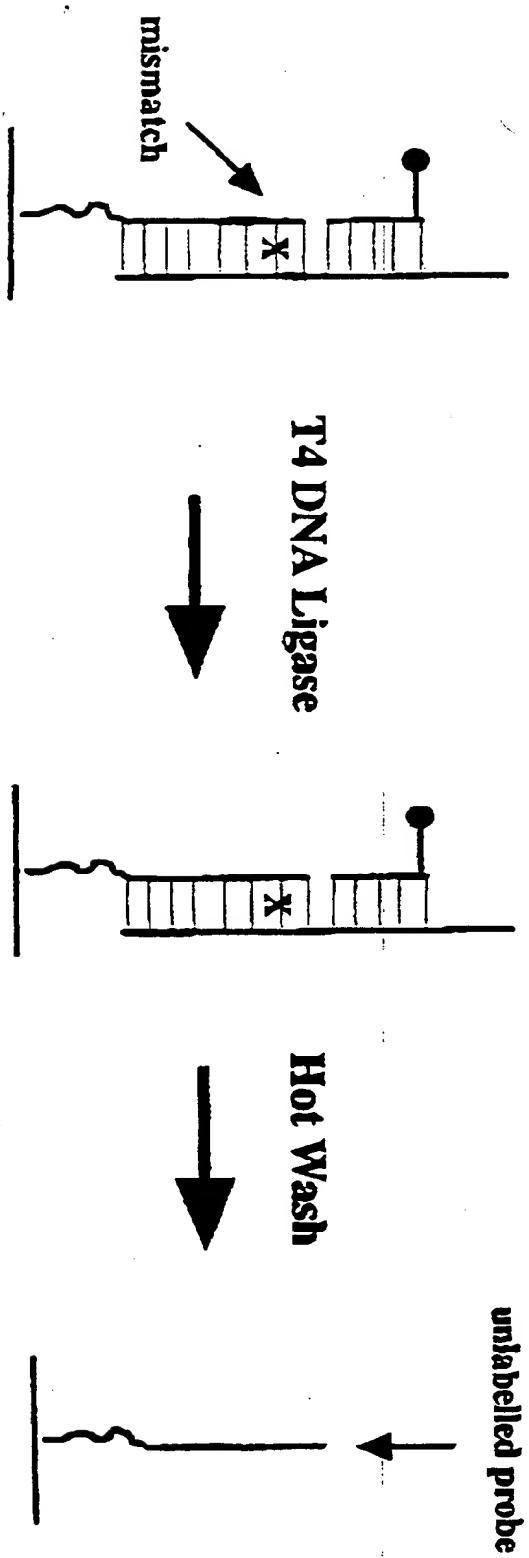
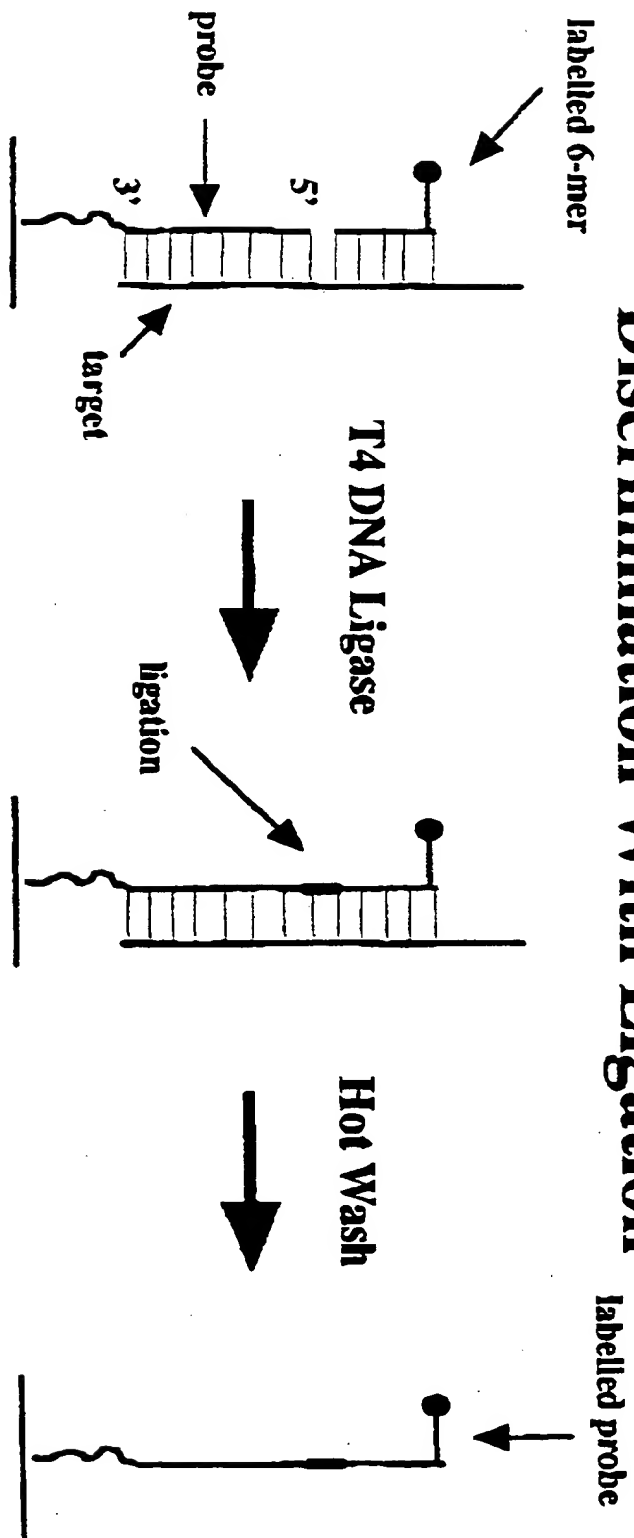


Figure 2

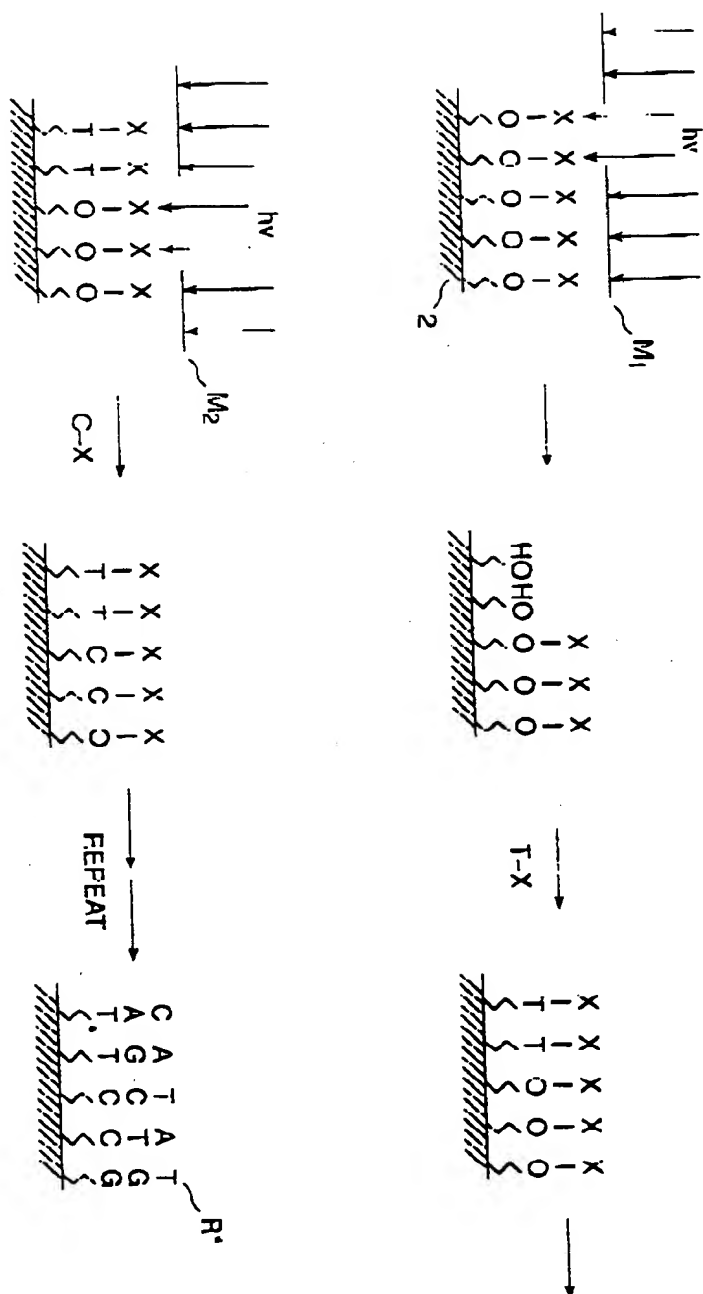


Figure 3

# Procedure

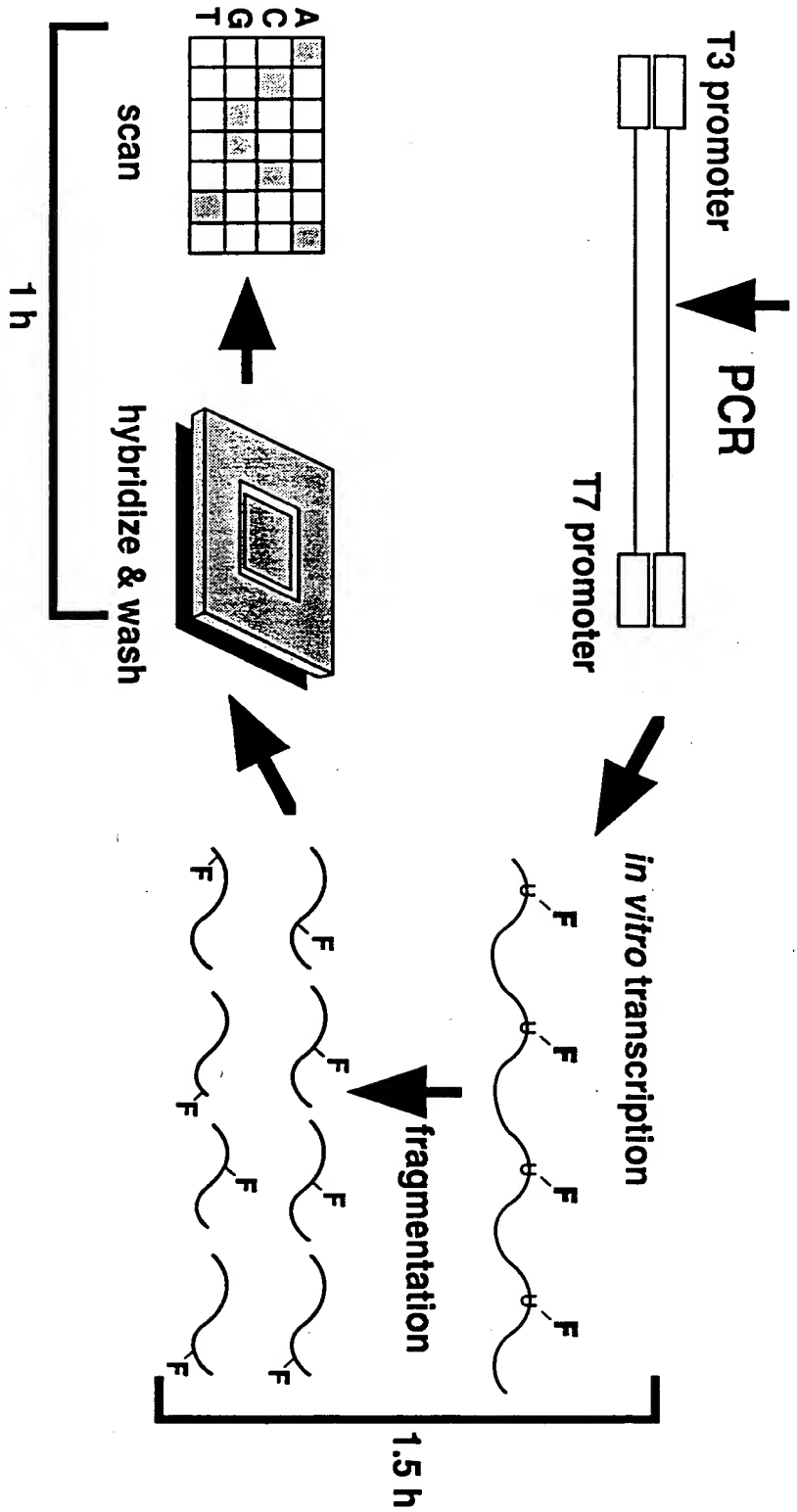


Figure 4

position		
TARGET		
probe		
n	5'...AAAGAA <sup>n</sup> AAAGACAGTAAATGGA...	tttttNtgtcatga
n+1	3'	ttttcNgtcatgat
n+2	3'	tttcgNtcatgatt

FIGURE 5

# Hybridization to mtDNA Chip

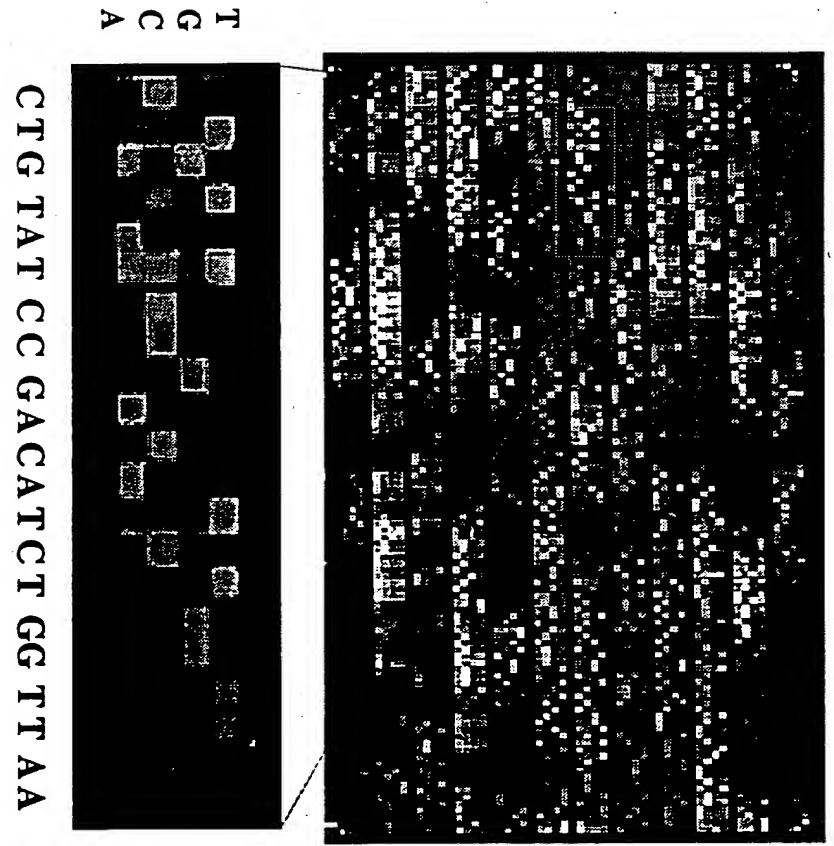


Figure 6

# Hybridization and RNase A

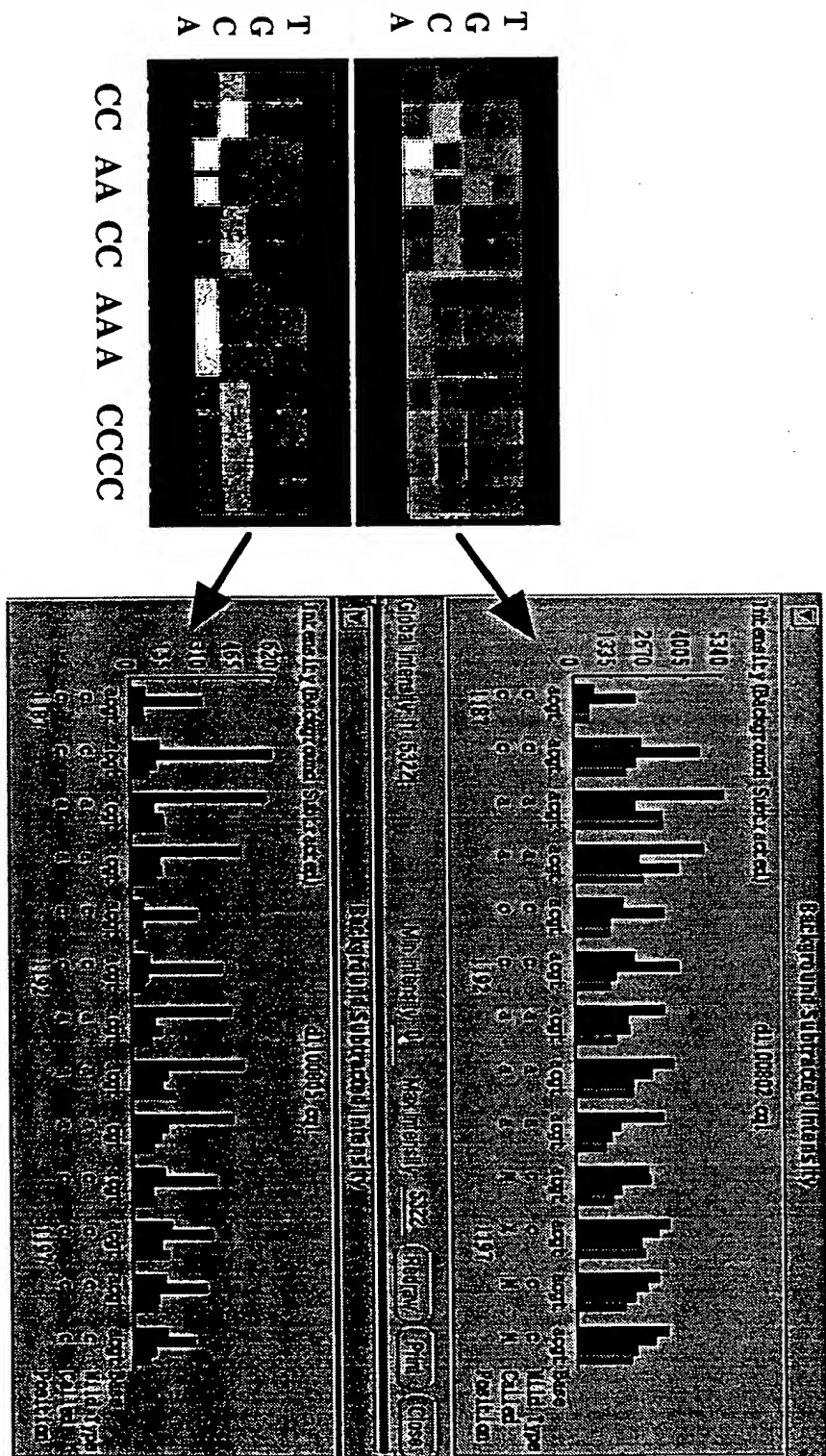


Figure 7